

In addition to my concerns about serious interference to Amateur Radio frequencies, there is potential for a high level of harm to other critical services.

1. Medical equipment used in hospitals and by emergency responders.
2. Communications by the Red Cross and other emergency services.
3. Government and military communications in the HF and VHF bands.
4. Homeland security communications in the HF and VHF bands.
5. Flood control systems for lakes rivers and dams.
6. Commercial communications for business management and materials supply control.
7. Environmental control systems.
8. Freight and shipping control systems.
9. Traffic management and control systems.

Even though the primary frequency of some systems is not in the BPL band, harmonics and mixing products are likely to occur.

I would strongly suggest that a complete and thorough analysis be conducted to ensure that no critical communications system will be compromised by BPL implementation.

Thank you.